



# KERALA GAZETTE

## കേരള ഗസറ്റ്

PUBLISHED BY AUTHORITY

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### Department of Insurance Medical Services

#### TENDER NOTICES

(1)

[DIMS/TN-03/2007-08]

No. FA-12462/04/DIMS.

1st June 2007.

Scaled competitive tenders are invited for the supply and installation of following items with specifications at ESI Hospital, Palakkad.

#### 1. CARDIAC MONITOR WITH DEFIBRILLATOR

Display

High Resolution graphic LCD with backlit

H.R. Values, ECG, Cascade wave form, Unit Violation alarms, lead fault, CAL

H.R. Range 20-270 bpm

Should have programmable Arrhythmia, package for Tech Cardio, Brady cardia, Asystole, Skipped beat and irregular.

Optional Single Channel recorder

Mains & optional battery operation for 2.5 hr.

Confirming to international standards IEC-60601-1-2, IEC 60601-2-27

ECG — Microprocessor based non fade memory

Paddles — Integrated paediatric paddle along with adult paddle

Alarm facility for ECG and Heart rate, upgradable to SPO<sub>2</sub>, NIBP, 12 lead ECG and ETCO<sub>2</sub> module.

Should have Annual Maintenance Contract for 5 years.

## II. PULSE OXIMETER

### Specifications:

Waveform display — Back lit LCD/TFT diagnostic Plethymographic in user adjustable scale

Measurement method — red and infrared light absorption

Range — SPO<sub>2</sub> - 0 to 100%

Accuracy —  $\pm 2\%$  from 80 to 100%

Pulse rate — 20 to 250 bpm

Numeric display — saturation %

Averaging : 5s, 6s, 9s and 10s, Selectable

Sensor machine — Re-usable finger Adult probes 2 Nos. with each

— Re-usable finger paediatric size 2 Nos.

Re-usable ear probes paediatric size-2 Nos.

Alarms — SPO<sub>2</sub> user adjustable

High SPO<sub>2</sub> 40 to 99% and OFF, default: OFF

Low SPO<sub>2</sub> 40 to 99% default: 90%

### Physical

Size — Portable

Weight — Light weight

Battery backup — Built in battery backup for 3 hours minimum

Warranty — 2 years

Should have Annual Maintenance Contract for 5 years.

The number and date of opening of the tender should be superscribed on the envelope containing the tender.

Cost of tender form : (including taxes)

Original—Rs. 450

Duplicate—Rs. 225

Last date and time of sale of tender forms—16-7-2007, 4 p.m.

Last date and time of receipt of filled tenders—16-7-2007, 5 p.m.

Date and time of opening of the tenders—17-7-2007, 11 a.m.

Tenders received after the prescribed date and time will not be accepted. The maximum period required for delivery of the equipment should also be mentioned.

Tender forms can be obtained from the office of the undersigned on payment of its cost by cash/money order from 1-6-2007. An amount of Rs. 50 is to be paid extra for tender form by post. Earnest money deposit of 1% of the total cost will have to be produced in the form of Demand Draft taken in favour of the Director of Insurance Medical Services along with the filled tender form.

Tenders will be opened on the prescribed date in the presence of the tenderer at the appointed date and time.

The equipment tendered should conform to ISI specification. (The prices quoted should be inclusive of all taxes, duties and transportation charges to the respective destinations. More information and conditions governing the supply can be obtained from the office of the undersigned on all working hours.

The successful tenderer will have to enter into Annual Maintenance Contract for 5 years after the warranty period as per usual terms and conditions.

The undersigned authority reserves the right to accept or reject any tender without assigning any reason thereof. All other conditions stipulated in the Kerala State Store Purchase Manual are applicable to this tender also.

No. F4-14504/2004/DIMS.

2nd June 2007.

Scaled competitive tenders are invited for the supply of one Anaesthesia Machine to ESI Hospital, Vadavathur having the following technical specifications.

- (1) Gas Cylinder (per indexed) yokes with sliding stainless steel clamping bars for easy handling. Two each for Oxygen and Nitrous Oxide (5 litre capacity) cylinders. Gas cylinders yoke assembly with pressure regulators for Nitrous Oxide and Oxygen cylinders should have a non return valve to prevent transfilling of empty cylinders while changing the cylinders when machine is in use.
- (2) Regulator 2 each for  $O_2$  and  $N_2O$  with output pressure 4.22 kg/Cm<sup>2</sup>.  $N_2O$  regulator is activated only when  $O_2$  regulator are pressurized.
- (3) Oxygen flow meter should be downstream and the flow meter bobbins should be cylindrical and flow meter should have fluorescent back screen to enable visibility during power failure.
- (4) Oxygen failure warning device activated at pressure below 205 kpa.
- (5) Rota meters having flow meters calibrated in double/triple scale for accuracy and clarity  $O_2$ : 100 ml/mt to 8 Litre/mt.  $N_2O$ : 200 ml/mt to 12L/mt.
- (6) Vaporizer-Servoflurane in place of Isoflurane and user friendly. It should be easily selectable and interchangeable using a lock in adapter unit.
- (7) State-of-the-art modern Isoflurane (5 Nos.) and Halothane (5 Nos.) vaporizers.
- (8) Change over from open circuit to closed circuit and vice versa. Emergency Oxygen outlet at table top level at 40 litres/mt.
- (9) Non-return cum pressure relief valve, when pressure exceeds 200 cm of Hg.
- (10) Oxygen failure alarm-pneumostatic alarm using a pressure canister which starts within 5 sec. and continues for 5-10 min.
- (11) Hypoxic Guard: It is to ensure that  $O_2$  at common gas outlet should not fall below 19%. The Hypoxic guard should shut off  $N_2O$  proportionately and ensure a continuous minimum flow of Oxygen of 250 ml of  $O_2$  to the patient. That is even if fresh gas flow is reduced to 1 litre minimum flow of 250 ml this should be Oxygen.
- (12) A common gas outlet at table top additional provisions for fresh  $O_2$  supply even if common gas outlet becomes obstructed.
- (13) Overhead tray for holding monitors
- (14) Table top stainless steel (Size 597X360mm)
- (15) Boyle's circle Absorber

- (16) Corrugated reusable breathing circuit for closed circuit system with each unit
- (17) Machine attached or mounted with one vertical mercury B.P. apparatus with BP cuffs adult 4 Nos. paediatric-2 Nos.
- (18) Construction of body-Tubular, rigid, stainless steel
- (19) Four large diameter anti static castor wheels with brakes.
- (20) All standard accessories 1 set extra should be supplied with each unit.
- (21) Anatomical face mask.

Size	(0)	-2	Nos.
"	(1)	-3	"
"	(2)	-3	"
"	(3)	-5	"
"	(4)	-5	"

## (22) Additional accessories required

Standard Bains Circuit	-5	Nos.
Reservoir Bags (2 Litres)	-5	"
Connection for Bain circuit	-5	"
AMRV Bag	-5	"
Reservoir bags (1 litre)	-4	"
Jackson Reel Circuit with reservoir bag 1.5 litre	-4	"
Magets circuit	-2	"

The number and date of opening of the tender should be superscribed on the envelope containing the tender.

## Cost of tender form : (including taxes)

Original—Rs. 450  
Duplicate—Rs. 225

Last date and time of sale of tender form—  
23-7-2007, 4 p.m.

Last date and time of receipt of filled tender form—23-7-2007, 5 p.m.

Date and time of opening of tender form—  
24-7-2007, 11 a.m.

Tenders received after the prescribed date and time will not be accepted. The maximum period required for delivery of the equipment should also be mentioned.

Tender form can be had from the office of the undersigned on payment of its cost by Cash/Money Order from 10-6-2007. An amount of Rs. 30 (Rupees Fifty only) is to be paid extra for tender form by post. Earnest Money Deposit of 1% of the total cost will have to be produced in the form of Demand Draft taken in favour of the Director of Insurance Medical Services along with the filled tender form.

Tenders will be opened on the prescribed date in the presence of the tenderer at the appointed date and time.

The equipment tendered should conform to ISI specification. The prices quoted should be inclusive of all taxes duties and transportation charges to the respective destinations.

The successful tenderer should be made Annual Maintenance repair and Maintenance Contract before the purchase subject to the terms and

conditions of ESI Corporation. More information and conditions governing the supply can be obtained from the office of the undersigned on all working hours.

The undersigned authority reserves the right to accept or reject any tender without assigning any reason thereof. All other tender conditions stipulated

in the Kerala State Store Purchase Manual are applicable to this tender also.

Directorate of Insurance  
Medical Services,  
Thiruvananthapuram.

(Sd.)  
Director.